

IN THE CLAIMS:

Claim 1 (Cancelled)

Claim 2 (Currently amended) The combination ~~medical device~~ of claim 62 ~~claim~~ 1, wherein the protrusions and indentations have a shape selected from the group of shapes consisting of rounded, pointed and rectangular shapes.

Claim 3 (Currently amended) The combination ~~medical device~~ of claim 2, wherein the asperities comprise material deposited on the area of the inner surface of the stent that is roughened.

Claim 4 (Currently amended) The combination ~~medical device~~ of claim 62 ~~claim~~ 1, wherein the asperities are formed on an area of the stent wherein material has been selectively etched from the stent.

Claim 5 (Currently amended) The combination ~~medical device~~ of claim 62 ~~claim~~ 1, wherein the asperities are formed on substantially the entire inner surface of the stent.

Claim 6 (Currently amended) The combination ~~medical device~~ of claim 62 ~~claim~~ 1, wherein the stent includes first and second ends and the asperities are formed on a portion of the inner surface of the stent adjacent the first and second ends such that a middle portion of the inner surface of the stent is smooth.

Claim 7 (Cancelled)

Claim 8 (Currently amended) The combination ~~medical device~~ of claim 62 ~~claim~~ 1, wherein the asperities have a roughness factor between approximately 100 nm and approximately 200 nm.

Claim 9 (Cancelled)

Claim 10 (Currently amended) The combination medical device of claim 62
~~claim 1~~, wherein the stent includes a wall having a selected thickness defined by the inner
and outer surfaces of the stent, and wherein the plurality of asperities are formed on at
least one region where the wall is thinner than the selected thickness.

Claim 11 (Currently amended) The combination medical device of claim 10,
further including a groove in the inner surface.

Claim 12 (Currently amended) The combination medical device of claim 10,
wherein the asperities cover substantially the entire inner surface of the stent.

Claim 13 (Currently amended) The combination medical device of claim 10,
wherein the stent further includes a first end and a second end, and wherein the asperities
cover selected regions adjacent the first and second ends, the stent also having a middle
portion that is substantially smooth.

Claims 14-61 (Cancelled)

Claim 62 (Currently amended) In a combination of an expandable balloon of a
stent delivery catheter and a balloon expandable stent mounted on the expandable
balloon, the expandable stent having a body portion with an inner surface and an outer
surface, and a plurality of asperities including protrusions and indentations formed on the
inner surface of the body portion, the improvement comprising:

a friction increasing coating formed on a selected area of the inner surface of the
body portion, the friction increasing coating covering the plurality of asperities on said

selected area, and the selected area of the inner surface having a roughness factor between approximately 40 nm and approximately 210 nm.

Claims 63-66 (Cancelled)